

Heritage Ranking Form - Global Rank

Scientific Name: Pyrrocoma scaberula

Common Name: Rough pyrrocoma

Classification: Vascular Plant

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: 4000 sq. mi. Found in NE Oregon, SE Washington and Idaho; approximate area using general positions for WA & ID; Washington County, Idaho site assumed to be in the northern part of the county.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: 10-11 grids in Oregon and estimated at least 30-40 more in Idaho and Washington.

Number of Occurrences: C = 21 - 80

Comments: Estimated total of 50-75 occurrences; 10 occurrences in Oregon

Population Size: F = 10,000 - 100,000 individuals

Comments: 33000 plants estimated. Relatively common and widespread (Bjork and Darrach 2009)

Good Viability: CD = Few to some (4-40) occurrences with good viability

Comments: 14 occurrences with large number of plants

Environmental Specificity: Not Evaluated

Comments: None

Short Term Trends: G = Relatively Stable (<=10% change)

Comments: None

Long Term Trends: B = Decline of 80 - 90%

Comments: Palouse grassland decline 98% since European settlement (Stein et al. 2000)

Threat Impact: C = Medium

Comments: None

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: G3

Comments: Fairly large number of occurrences and plant numbers. In the past 200 years, its grassland habitat has shown a dramatic decline due to conversion to farmland but the species

Rank Notes: None

Reference: Bjork, Curtis and Mark Darrach. 2009. An investigation of morphological evidence supports the resurrection of *Pyrocoma scaberula* (Asteraceae: Astereae). *J. Bot. Res. Inst. Texas* 3(1): 231-238. | Stein, Bruce A., Lynn S. Kutner, and Jonathan S. Adams. 2000. *Precious Heritage: the status of biodiversity in the United States*. Oxford University Press, New York. 399 pp.

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